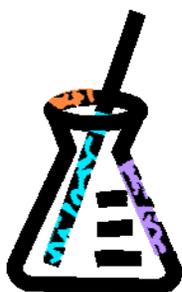




Science-Sational Day



March 25, 2017

(Register by March 10)

10:00am-3:00pm

**County College of Morris
Randolph, NJ**



Calling all scientists!

Morris County youth in grades K-6 are invited to explore new ideas, put their designs to the test, and discover a new love for science.

“3, 2, 1, Liftoff!” with Mad Science

Get ready for jaw-dropping experiments with Mad Science! Participants will learn about air pressure using hot air balloons, help the Mad Science Hovercraft take flight, and generate a giant vortex. This exciting show is sure to have you on the edge of your seat cheering for more science fun.

Be the Scientist! Hands-on Workshops

Each workshop track offers participants hands-on experiments that explore science concepts. Topics include: biology, chemistry, engineering, and so much more! All workshops are taught by volunteers with a passion for sharing their love of science with youth.



For more information:

Phone: 973-285-8301

Email: 4hmorris@njaes.rutgers.edu

Web: <http://morris.njaes.rutgers.edu/4h/>

What is 4-H Science-sational Day?

4-H Science-sational Day is a fun day of science learning for children in Grades K-6 presented by the Morris County 4-H Youth Development program. Youth will attend an entertaining and engaging program presented by *Mad Science* and then split into groups by grade level (Grades K-3 or 4-6) to participate in hands-on workshops that allow them to learn about a variety of science topics.

- 4-H Science-sational Day will be held on **Saturday, March 25, 2017** in Cohen Hall at the County College of Morris in Randolph.
- Check-in begins at 10:00 AM. Programs begin at 10:30 AM and ends at 3:00 PM.
- Cost per child is \$20.00. Family discount: First child is \$20, each child thereafter is \$15.
- Parents may attend the program with their child(ren) at no additional cost.
- Lunch may be brought from home or pre-ordered. Pre-ordered lunches include a slice of pizza, fruit, dessert, and drink and cost \$7.00. (Parents may also order lunch at the same cost.)
- Checks should be made payable to **Rutgers, The State University**.
- To register, be sure to complete both the **registration** and **permission forms** for **EACH** child. If needed, additional copies can be found at <http://morris.njaes.rutgers.edu/4h/>.

| <u>Tentative Schedule for 4-H Science-sational Day</u> | |
|---|---------------|
| Check-In & Science Fun | 10:00 - 10:30 |
| “3, 2, 1, Liftoff!” with <i>Mad Science</i> - Tracks A and B Workshop #1- Tracks Y and Z | 10:30 - 11:15 |
| “3, 2, 1, Liftoff!” with <i>Mad Science</i> - Tracks Y and Z Workshop #1– Tracks A and B | 11:20 - 12:10 |
| Lunch—Tracks A and B Workshop #2—Tracks Y and Z | 12:15 - 1:00 |
| Lunch—Tracks Y and Z Workshop #2—Tracks A and B | 1:00-1:50 |
| Workshop #3– All Tracks | 2:00 - 2:50 |
| Program Ends | 3:00 |

What is 4-H?

4-H is a youth development program that works with youth all across America. In New Jersey, the 4-H program is open to youth in grades K-13 (one year out of high school). In Morris County, youth are involved in more than 25 different 4-H clubs, after school activities, school enrichment, and camping programs.

Each summer, the Morris County 4-H Association holds the Morris County 4-H Fair at Chubb Park in Chester, NJ. This Fair is an opportunity for youth to display the projects they have been working on throughout the year, take on leadership roles, and have fun.

4-H is part of Rutgers, The State University’s New Jersey Agriculture Experiment Station. 4-H educational programs are offered to all youth, grades K-13, on an age appropriate basis, without regard to race, color, sex, national origin, or disability.



Be the Scientist!



Each youth selects one of the following workshop tracks to attend, based on grade level. Parents are invited to attend workshops with youth. All workshops are taught by volunteers. Learn more and register at <http://morris.njaes.rutgers.edu/4h/>.

Grades K-3

Track A

Music to My Ears

Science never sounded so beautiful! Explore the properties of sound and how we can use it to make music.

Squish, Splat, Slime

Get ready to mix it up with some fun (and somewhat messy) chemistry experiments that are sure to make you smile.

Plants and Animals

How are they alike and how do they depend on one another to survive? Learn what you need to grow a healthy ecosystem.

Track B

Making Sense of Senses

How do we know about our world? Through our senses! These experiments are sure to put your senses to the test.

Sinking and Floating

This workshop is full of watery challenges. Discover the science behind whether an object sinks or floats.

Spring Time Pets

These furry and feathered friends sure are cute, but before you adopt one, find out what they need to stay happy and healthy.

Grades 4-6

Track Y

Kitchen Chemistry

Scientists can be found in the kitchen, too! Discover the important role each ingredients play in a recipe.

Squishy Circuits

You'll "light up" in this workshop that explores electricity. Build a complete circuit using some squishy materials.

Enviroscape

What's a watershed and why is it important? Find out using this hands-on model to track how pollutants enter the water supply.

Track Z

Nutrition Mission

Even the pickiest eaters can't resist these healthy smoothies. Design a yummy recipe that delivers big time on nutrition.

Camera Trickery

Is that photo real or just a trick? Create optical illusions and discover that not everything is as it seems.

Measuring Oursevlies

What makes the human body unique? Find out through a series of experiments designed to test your limits.